

DESCRIPTION

PRODUCT COVERED:

Component Connectors - AMP AMPPOWER Multi Pin Plus Connector Series.

GENERAL:

These devices are multi-pole connectors employing contacts of the crimp termination type where the acceptability of the combinations is determined by Underwriters Laboratories Inc.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following conditions should be met.

- * 1. These devices are suitable for current interruption at 35 Amperes when loaded with pin and socket contacts, Cat. Nos. 194189 and 194245.
- * These devices are suitable for current interruption at 7.5 Amperes when pin and socket contacts, Cat. Nos. 194189 and 194032 are loaded in non-adjacent positions.
2. These devices, when loaded with pin and socket contacts, Cat. Nos. 194189 and 194245, have been investigated for a current of 35 Amperes with a maximum temperature rise of 46.5°C.
- * These devices, when loaded with pin and socket contacts, Cat. Nos. 194189 and 194032, have been investigated for a current of 7.5 Amperes with a maximum temperature rise of 6.7°C.
3. The suitability of the mounting means shall be determined in the end use.
4. The acceptability of the grounding connection shall be determined by the end product use engineer.
5. The electrical and mechanical suitability of the wiring terminals shall be determined in the end use. These devices have not been evaluated for Conductor Secureness testing.
6. The placement of these devices within the equipment enclosure should be such that spacings between the live parts and the equipment are suitable for the particular application.
7. The adjacent poles may be used at potentials not exceeding 250 V based on the spacings requirements of Paragraph 11.1 of UL 1977. Dielectric testing has not been performed.

8. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.

9. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a maximum temperature of 150°C.